

| | | | | | | | |
|---|---------------------------------------|--|-----|--|---------|--|--|
| AWARD / CONTRACT | | 1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350) | | RATING DO-A7 | | PAGE OF PAGES 1 15 | |
| 2. CONTRACT (PROC. INST. IDENT.) NO. FA8750-06-C-0071 | | 3. EFFECTIVE DATE 30 MAR 2006 | | 4. REQUISITION / PURCHASE REQUEST / PROJECT NO. See Section G | | | |
| 5. ISSUED BY AFRL/IFKE USAF, AFMC AIR FORCE RESEARCH LABORATORY 26 ELECTRONIC PARKWAY ROME NY 13441-4514 E.J. RENA 315/330-7116 renae@rl.af.mil | | CODE FA8750 | | 6. ADMINISTERED BY (IF OTHER THAN ITEM 5) DCMA NORTHERN CALIFORNIA P.O. BOX 232 700 E ROTH ROAD, BLDG. 330 (LATHRO FRENCH CAMP CA 95231-0232 DCMANC_CONTACTS@DCMA.MIL SCD: C PAS: (NONE) | | CODE S0507A | |
| 7. NAME AND ADDRESS OF CONTRACTOR (NO., STREET, CITY, COUNTY, STATE AND ZIP CODE) SRI INTERNATIONAL 333 RAVENSWOOD AVE MENLO PARK CA 94025-3493 (650) 859-2875 | | | | 8. DELIVERY <input type="checkbox"/> FOB Origin <input checked="" type="checkbox"/> Other (see below) | | | |
| | | | | 9. DISCOUNT FOR PROMPT PAYMENT N | | | |
| CAGE CODE 03652 | | | | FACILITY CODE | | 10. SUBMIT INVOICES (4 COPIES UNLESS OTHERWISE SPECIFIED) TO THE ADDRESS SHOWN IN | |
| 11. SHIP TO / MARK FOR See Section F | | CODE | | 12. PAYMENT WILL BE MADE BY DFAS COLUMBUS CENTER DFAS-COWEST ENTITLEMENT OPS P.O. BOX 182381 COLUMBUS OH 43218-2381 EFT: T | | CODE HQ0339 | |
| 13. AUTHORITY FOR OTHER THAN FULL AND OPEN COMPETITION | | | | 14. ACCOUNTING AND APPROPRIATION DATA See Section G | | | |
| 15A. ITEM NO See Section B | | 15B. SUPPLIES/SERVICES | | 15C. QUANTITY | | 15D. UNIT | |
| | | | | 15E. UNIT PRICE | | 15F. AMOUNT | |
| | | | | 15G. TOTAL AMOUNT OF CONTRACT | | \$295,856.00 | |
| 16. Table of Contents | | | | | | | |
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| CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE | | | | | | | |
| 17. <input checked="" type="checkbox"/> Contractor's Negotiated Agreement (Contractor is required to sign this document and return 1 copies to issuing office). Contractor agrees to furnish and deliver all items or perform all services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.) | | | | 18. <input type="checkbox"/> Award (Contractor is not required to sign this document). Your offer on solicitation number , including the additions or changes made by you which additions or changes set forth in full above, is hereby accepted as to items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary. | | | |
| 19A. NAME AND TITLE OF SIGNER (TYPE OR PRINT) Robert J. Owens Manager of Contracts | | | | 20A. NAME OF CONTRACTING OFFICER KATHLEEN A. WOODARD | | | |
| 19B. Name of Contractor SRI INTERNATIONAL | | 19C. Date Signed 3/28/2006 | | 20B. United States of America | | 20C. Date Signed 30 MAR 2006 | |
| by <i>R J Owens</i> | | | | by <i>Kathleen A. Woodard</i> | | | |

| ITEM | SUPPLIES OR SERVICES | Qty | Unit Price |
|------|----------------------|------------|-------------------|
| | | Purch Unit | Total Item Amount |
| 0001 | | 1 | EST \$295,856.00 |
| | | Lot | EST \$295,856.00 |

Noun: SOFTWARE PROTOTYPE
NSN: N - Not Applicable
Contract type: U - COST PLUS FIXED FEE
Inspection: DESTINATION
Acceptance: DESTINATION
FOB: DESTINATION
Descriptive Data:

A. Software Prototype in accordance with paragraph 4.0 of Attachment No.1, Statement of Work entitled "PRIME: A PMESII Model Development Environment," dated 16 March 2006.

B. Payment instructions for the subline items shown below are contained in Section G.

000101

Noun: Funding Info Only
ACRN: AA \$150,000.00
PR/MIPR: S63479 \$150,000.00
Descriptive Data:
 AA: \$150,000.00

0002

Noun: DATA
Exhibit: A
NSN: N - Not Applicable
DD1423 is Exhibit: A
Descriptive Data:

Data in accordance with Exhibit A, Contract Data Requirements List dated 16 March 2006. Quantity and delivery schedule shall be as specified on Exhibit A.

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

B054 IMPLEMENTATION OF LIMITATION OF FUNDS (DEC 2005) (TAILORED)

(a) The sum allotted to this contract and available for payment of costs under CLINs 0001 and 0002 through 15 Oct 2005 in accordance with the clause in Section I entitled "Limitation of Funds" is \$138,947.00.

(b) In addition to the amount allotted under the Limitation of Funds clause, the additional amount of \$11,053.00 is obligated for payment of fee for work completed under CLINs 0001 and 0002 . "

B058 CONTRACT TYPE: COST-PLUS-FIXED-FEE (DEC 2005) (TAILORED)

The estimated cost and fee for this contract are shown below. The applicable fixed fee set forth below may be increased or decreased only by negotiation and modification of the contract for added or deleted work. As determined by the contracting officer, it shall be paid as it accrues, in regular installments based upon the percentage of completion of work (or the expiration of the agreed-upon period(s) for term contracts).

Estimated Cost \$274,056.00

Fixed Fee \$21,800.00

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

C004 INCORPORATED DOCUMENTS/REQUIREMENTS - ALTERNATE (FEB 2006) (TAILORED)

The following documents, as they may be amended below, are a part of this contract:

1. The following documents, as they may be amended below, are a part of this contract:

(a) Attachment No. 1, Statement of Work entitled, "PRIME: A PMESII Model Development Environment," dated 16 March 2006.

(b) Exhibit A entitled "Contract Data Requirements List," dated 16 March 2006.

NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

**AIR FORCE MATERIEL COMMAND FEDERAL ACQUISITION REGULATION SUPPLEMENT
CONTRACT CLAUSES**

5352.247-9008 CONTRACTOR COMMERCIAL PACKAGING (AFMC) (SEP 1998)

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.246-08 INSPECTION OF RESEARCH AND DEVELOPMENT -- COST-REIMBURSEMENT
(MAY 2001)

B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2003)

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

E007 INSPECTION AND ACCEPTANCE AUTHORITY (APR 1998)

Inspection and acceptance for all Contract and Exhibit Lines or Subline Items shall be accomplished by the Program Manager, Air Force Research Laboratory, Rome, NY .

| ITEM | SUPPLIES SCHEDULE DATA | QTY | SHIP TO | MARK FOR | TRANS PRI | DATE |
|------|------------------------|-----|------------|-------------|--------------|-------------|
| 0001 | | 1 | FA8750 | | | 30 Mar 2007 |

Noun: SOFTWARE PROTOTYPE
ACRN: 9
Descriptive Data:

A Kickoff Meeting shall be held at the Contractor's Facility in Washington, D.C within 30 days after contract effective date.

Technical Interchange Meetings to include oral presentations will be conducted semi-annually starting 30 days after the effective date of contract and will alternate between AFRL/IF, 525 Brooks Road, Rome, NY 13441 and the contractor's facility in San Francisco, CA. Final Demonstration will be held at AFRL/IF, 525 Brooks Road, Rome, NY 13441.

SHIP SOFTWARE TO:

ATTN: Joseph Carozzoni
AFRL/IFSB
Contract Number: FA8750-06-C-0071
525 Books Road
Rome NY 13441-4505

I. NOTICE: The following contract clauses pertinent to this section are hereby incorporated by reference:

FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

52.242-15 STOP-WORK ORDER (AUG 1989) - ALTERNATE I (APR 1984)

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

F005 DELIVERY OF REPORTS (OCT 1998)

(a) All data shall be delivered in accordance with the delivery schedule shown on the Contract Data Requirements List, attachments, or as incorporated by reference.

(b) All reports and correspondence submitted under this contract shall include the contract number and project number and be forwarded prepaid. A copy of the letters of transmittal shall be delivered to the Procuring Contracting Officer (PCO) and Administrative Contracting Officer (ACO). The addresses are set forth on the contract award cover page. All other address(es) and code(s) for consignee(s) are as set forth in the contract or incorporated by reference.

| ACRN | Appropriation/Lmt Subhead/Supplemental Accounting Data | Obligation Amount |
|------|--|-------------------|
|------|--|-------------------|

| | | |
|----|--|--------------|
| AA | | \$150,000.00 |
|----|--|--------------|

57 63600 296 4702 625581 6FSE60 63479 62702F 503000 F03000

Funding breakdown: On CLIN 000101: \$150,000.00

PR/MIPR: S63479 \$150,000.00

JON: 558SCPE9 WBS: 3479

ESP: SZ

Descriptive data:

PR Number: F4HBSE6047B707

PCSN: S63479

Funding Document No.: BA6-1

PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS.

(a) This is a multiple funded requirement. Additional ACRNs will be assigned and payment instructions revised when new accounting classifications are available.

(b) Pay in the following order up to the limit specified for each component ACRN. **Exhaust the funds in each ACRN before using funds from the next listed ACRN.**

| Item No. | ACRN | Amount |
|--|------|--------------|
| CLIN(s) 0001/0002 Info SubCLIN 000101 | AA | \$150,000.00 |

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

G006 INVOICE AND PAYMENT - COST REIMBURSEMENT (FEB 2006) (TAILORED)

Invoices (or public vouchers), supported by a statement of cost for performance under this contract, shall be submitted to the cognizant Defense Contract Audit Agency (DCAA) office. Under the provisions of DFARS 242.803(b), the DCAA auditor, is designated as the authorized representative of the contracting officer (CO) for examining vouchers received directly from the contractor.

Defense Contract Audit Agency
Western Region
Peninsula Branch Office
480 San Antonio Road, Suite 150
Mountain View, California 94040-1218

Telephone: 650-859-5620
Fax: 650-859-3890
Email: dcaa-fao4281@dcaa.mil

NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

OTHER CONTRACT CLAUSES IN FULL TEXT

H016 GOVERNMENT RETENTION OF TITLE TO EQUIPMENT (DEC 2005)

Title to equipment having an acquisition cost of \$5,000 or more shall vest in the Government.

H025 INCORPORATION OF SECTION K (OCT 1998)

Section K of the solicitation is hereby incorporated by reference.

H055 INSURANCE CLAUSE IMPLEMENTATION (FEB 2003)

The Contractor shall obtain and maintain the minimum kinds and amounts of insurance during performance of this contract as specified by FAR 28.307-2, Liability, and contemplated by FAR 52.228-5, Insurance--Work on a Government Installation, and/or 52.228-7, Insurance--Liability to Third Persons.

IFK-H001 RECEIVING REPORT (DD FORM 250) MAILING ADDRESS (MAR 2006)

RECEIVING REPORT (DD FORM 250) MAILING ADDRESS

(a) At the time of each delivery of supplies (hardware, software) or services under this contract, submit a DD Form 250 for each deliverable item under the contract (e.g. hardware, software, services) and for those data items that are coded "DD" in Block 7 of the DD Form 1423-1, Contract Data Requirements List (CDRL). Submit the original DD Form(s) 250 to the following address:

Air Force Research Laboratory/IFSM
FURTHER MARKED FOR: Joseph Carozzoni/IFSB
525 Brooks Road
Rome NY 13441-4505

(b) In addition, a copy of the DD Form 250 shall accompany each shipment for all deliverable items that require a DD Form 250. Shipment addresses are specified in Section F of the schedule and/or on the CDRL.

(c) PROCESSING STATUS. Any inquiry as to the processing status of a DD Form 250 should be made to the following office:

Air Force Research Laboratory/IFSM
525 Brooks Road
Rome NY 13441-4505
Telephone: (315) 330-3076

Contract Clauses in this section are from the FAR, Defense FAR Sup, Air Force FAR Sup, and the Air Force Materiel Command FAR Sup, and are current through the following updates:

Database_Version: 6.4.x.500; Issued: 2/27/2006; FAR: FAC 2005-08; DFAR: DCN20060223; DL.: DL 98-021; Class Deviations: CD 2005o0001; AFFAR: 2002 Edition; AFMCFAR: AFMCAC 02-08; AFAC: AFAC 2005-0818; IPN: 98-009

I. **NOTICE:** The following contract clauses pertinent to this section are hereby incorporated by reference:

A. FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES

| | |
|-----------|---|
| 52.202-01 | DEFINITIONS (JUL 2004) |
| 52.203-03 | GRATUITIES (APR 1984) |
| 52.203-05 | COVENANT AGAINST CONTINGENT FEES (APR 1984) |
| 52.203-06 | RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1995) |
| 52.203-07 | ANTI-KICKBACK PROCEDURES (JUL 1995) |
| 52.203-08 | CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997) |
| 52.203-10 | PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (JAN 1997) |
| 52.203-12 | LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (SEP 2005) |
| 52.204-04 | PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER (AUG 2000) |
| 52.204-07 | CENTRAL CONTRACTOR REGISTRATION (OCT 2003) |
| 52.209-06 | PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT (JAN 2005) |
| 52.215-02 | AUDIT AND RECORDS -- NEGOTIATION (JUN 1999) - ALTERNATE II (APR 1998) |
| 52.215-08 | ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT (OCT 1997) |
| 52.215-14 | INTEGRITY OF UNIT PRICES (OCT 1997) - ALTERNATE I (OCT 1997) |
| 52.216-07 | ALLOWABLE COST AND PAYMENT (NON-PROFIT) (DEC 2002) |
| 52.216-08 | FIXED FEE (MAR 1997) |
| 52.219-08 | UTILIZATION OF SMALL BUSINESS CONCERNS (MAY 2004) |
| 52.222-02 | PAYMENT FOR OVERTIME PREMIUMS (JUL 1990) Para (a), Dollar amount is 'zero' |
| 52.222-03 | CONVICT LABOR (JUN 2003) |
| 52.222-21 | PROHIBITION OF SEGREGATED FACILITIES (FEB 1999) |
| 52.222-26 | EQUAL OPPORTUNITY (APR 2002) |
| 52.222-35 | EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) |
| 52.222-36 | AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998) |
| 52.222-37 | EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) |
| 52.222-39 | NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (DEC 2004) |
| 52.223-06 | DRUG-FREE WORKPLACE (MAY 2001) |
| 52.223-14 | TOXIC CHEMICAL RELEASE REPORTING (AUG 2003) |
| 52.225-13 | RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (FEB 2006) |
| 52.227-01 | AUTHORIZATION AND CONSENT (JUL 1995) - ALTERNATE I (APR 1984) |
| 52.227-02 | NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (AUG 1996) |
| 52.227-11 | PATENT RIGHTS -- RETENTION BY THE CONTRACTOR (SHORT FORM) (JUN 1997) |

Para (l), Communications: 'All documents and information required by the patent rights and/or patent reporting clauses set forth in Section I of this contract shall be submitted to the Administrative Contracting Officer and to Air Force Research Laboratory/IFOJ, 26 Electronic Parkway, Rome NY 13441-4514. The AFRL/IFOJ patent administrator can be reached at Area Code (315) 330-2087 or DSN 587-2087. This notice also constitutes a request (see FAR 52.227-12(f)(10) or DFARS 252.227-7039(c), as applicable) for submission of a copy of the patent application, when filed, along with the patent application serial number, filing date, subsequent U.S. patent number and issue date, as received.'

| | |
|-----------|--|
| 52.228-07 | INSURANCE -- LIABILITY TO THIRD PERSONS (MAR 1996) |
| 52.232-09 | LIMITATION ON WITHHOLDING OF PAYMENTS (APR 1984) |
| 52.232-17 | INTEREST (JUN 1996) |
| 52.232-22 | LIMITATION OF FUNDS (APR 1984) |
| 52.232-23 | ASSIGNMENT OF CLAIMS (JAN 1986) - ALTERNATE I (APR 1984) |
| 52.232-25 | PROMPT PAYMENT (OCT 2003) |
| 52.232-33 | PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION (OCT 2003) |
| 52.233-01 | DISPUTES (JUL 2002) |
| 52.233-03 | PROTEST AFTER AWARD (AUG 1996) - ALTERNATE I (JUN 1985) |
| 52.233-04 | APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (OCT 2004) |
| 52.242-01 | NOTICE OF INTENT TO DISALLOW COSTS (APR 1984) |
| 52.242-04 | CERTIFICATION OF FINAL INDIRECT COSTS (JAN 1997) |
| 52.242-13 | BANKRUPTCY (JUL 1995) |
| 52.243-02 | CHANGES -- COST-REIMBURSEMENT (AUG 1987) - ALTERNATE V (APR 1984) |
| 52.244-02 | SUBCONTRACTS (AUG 1998) |
| | Para (e), approval required on subcontracts to: 'None' |
| | Para (k), Insert subcontracts evaluated during negotiations. 'None' |
| 52.244-05 | COMPETITION IN SUBCONTRACTING (DEC 1996) |
| 52.244-06 | SUBCONTRACTS FOR COMMERCIAL ITEMS (FEB 2006) |
| 52.245-05 | GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR-HOUR CONTRACTS) (MAY 2004) - ALTERNATE I (JUN 2003) |
| 52.246-23 | LIMITATION OF LIABILITY (FEB 1997) |
| 52.247-01 | COMMERCIAL BILL OF LADING NOTATIONS (FEB 2006) |
| 52.247-67 | SUBMISSION OF TRANSPORTATION DOCUMENTS FOR AUDIT (FEB 2006) |
| | Para (c). Insert address. 'TBD' |
| 52.249-06 | TERMINATION (COST-REIMBURSEMENT) (MAY 2004) |
| 52.249-14 | EXCUSABLE DELAYS (APR 1984) |
| 52.253-01 | COMPUTER GENERATED FORMS (JAN 1991) |

B. DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

| | |
|--------------|--|
| 252.203-7001 | PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE-CONTRACT-RELATED FELONIES (DEC 2004) |
| 252.204-7000 | DISCLOSURE OF INFORMATION (DEC 1991) |
| 252.204-7003 | CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT (APR 1992) |
| 252.204-7004 | ALTERNATE A TO FAR 52.204-7, CENTRAL CONTRACTOR REGISTRATION (NOV 2003) |
| 252.204-7006 | BILLING INSTRUCTIONS (OCT 2005) |
| 252.209-7004 | SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY (MAR 1998) |
| 252.215-7000 | PRICING ADJUSTMENTS (DEC 1991) |
| 252.225-7012 | PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES (JUN 2004) |
| 252.225-7014 | PREFERENCE FOR DOMESTIC SPECIALTY METALS (JUN 2005) |
| 252.225-7031 | SECONDARY ARAB BOYCOTT OF ISRAEL (JUN 2005) |
| 252.227-7013 | RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS (NOV 1995) |

- 252.227-7014 RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION (JUN 1995)
- 252.227-7015 TECHNICAL DATA--COMMERCIAL ITEMS (NOV 1995)
- 252.227-7016 RIGHTS IN BID OR PROPOSAL INFORMATION (JUN 1995)
- 252.227-7019 VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE (JUN 1995)
- 252.227-7030 TECHNICAL DATA--WITHHOLDING OF PAYMENT (MAR 2000)
- 252.227-7034 PATENTS--SUBCONTRACTS (APR 1984)
- 252.227-7037 VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA (SEP 1999)
- 252.227-7039 PATENTS--REPORTING OF SUBJECT INVENTIONS (APR 1990)
- 252.231-7000 SUPPLEMENTAL COST PRINCIPLES (DEC 1991)
- 252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS (JAN 2004)
- 252.232-7010 LEVIES ON CONTRACT PAYMENTS (SEP 2005)
- 252.235-7010 ACKNOWLEDGMENT OF SUPPORT AND DISCLAIMER (MAY 1995)
 - Para (a), name of contracting agency(ies): 'United States Air Force'
 - Para (a), contract number(s): 'FA8750-06-C-0071'
 - Para (b), name of contracting agency(ies): 'United States Air Force'
- 252.235-7011 FINAL SCIENTIFIC OR TECHNICAL REPORT (NOV 2004)
- 252.243-7002 REQUESTS FOR EQUITABLE ADJUSTMENT (MAR 1998)
- 252.244-7000 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DOD CONTRACTS) (NOV 2005)
- 252.245-7001 REPORTS OF GOVERNMENT PROPERTY (MAY 1994)
- 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (MAY 2002)
- 252.247-7024 NOTIFICATION OF TRANSPORTATION OF SUPPLIES BY SEA (MAR 2000)

C. AIR FORCE FEDERAL ACQUISITION REGULATION SUPPLEMENT CONTRACT CLAUSES

- 5352.201-9101 OMBUDSMAN (AUG 2005)
 - Para (c). Ombudsmen names, addresses, phone numbers, fax, and email addresses.
 - 'Col Jeffrey Schmidt, AFRL/PK Building 12, Room 107, 1981 Monahan Way, Wright-Patterson OH 45433-5209, (937)-255-0432, Fax (937) 255-5036, Jeffrey.Schmidt@wpafb.af.mil'

II. NOTICE: The following contract clauses pertinent to this section are hereby incorporated in full text:

FEDERAL ACQUISITION REGULATION CONTRACT CLAUSES IN FULL TEXT

52.211-15 DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS (SEP 1990)

This is a rated order certified for national defense use, and the Contractor shall follow all the requirements of the Defense Priorities and Allocations System regulation (15 CFR 700).

52.252-02 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <http://farsite.hill.af.mil/>

52.252-06 AUTHORIZED DEVIATIONS IN CLAUSES (APR 1984)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any Defense Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

| DOCUMENT | PGS | DATE | TITLE |
|--------------|-----|-------------|---|
| EXHIBIT A | 8 | 16 MAR 2006 | CONTRACT DATA REQUIREMENTS LIST (CDRL) |
| ATTACHMENT 1 | 6 | 16 MAR 2006 | STATEMENT OF WORK ENTITLED "PRIME: A PMESII MODEL DEVELOPMENT ENVIRONMENT" |

| CONTRACT DATA REQUIREMENTS LIST (1 Data Item) | | | | | | Form Approved OMB No. 0704-0188 | | | |
|--|--|---|--|--------------------------|--|--|------------------------|-----------|--|
| Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. | | | | | | | | | |
| A. CONTRACT LINE ITEM NO. CLIN 0002 | | | B. EXHIBIT A | | C. CATEGORY TDP _____ TM- _____ OTHER <u>MISC</u> | | | | |
| D. SYSTEM/ITEM PRIME | | | E. CONTRACT/PR NO. FA8750-06-C-0071 | | F. CONTRACTOR S-6-3479 | | | | |
| 1. DATA ITEM NO. A001 | | 2. TITLE OF DATA ITEM RESEARCH AND DEVELOPMENT (R&D) PROJECT SUMMARY | | | 3. SUBTITLE AFRL PROGRAM MANAGEMENT REPORT | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-MISC-81612A/T | | | 5. CONTRACT REFERENCE SOW PARAGRAPH 4.1.6.1 | | 6. REQUIRING OFFICE AFRL/IFSB | | | | |
| 7. DD250 REQ NO | | 9. DIST STATEMENT REQUIRED N/A | | 10. FREQUENCY MONTHLY | | 12. DATE OF FIRST SUBMISSION SEE BLOCK 16 | | | |
| 8. APP CODE N/A | | | | 11. AS OF DATE 0 | | 13. DATE OF SUBSEQUENT SUBMISSION N/A | | | |
| 16. REMARKS REFERENCE BLOCK 4, TAILOR DI-MISC-81612A THE CONTRACTOR SHALL UTILIZE THE AFRL PROGRAM MANAGEMENT SYSTEM, KNOWN AS JIFFY (https://jiffy.rl.af.mil) TO INPUT THE REQUIRED STATUS, SUMMARY AND FINANCIAL INFORMATION. ESTABLISH CONTRACTOR USER ACCOUNT BY CONTACTING JIFFY HELP DESK AT 315-330-3005. NOTIFY THE RRS JIFFY HELP DESK (email: jiffy@rl.af.mil) WITHIN TEN (10) DAYS OF AWARD WITH NAMES OF ALL CONTRACT REPORTING INDIVIDUALS (REQUIRING JIFFY USER ACCOUNTS). <ul style="list-style-type: none"> • PRINCIPAL INVESTIGATOR (PI) OF RECORD (1.1.2.1) • FINANCIAL REPORTER (1.1.2.3) • PROGRAMMATIC/TECHNICAL STATUS REPORTER (1.1.2.4, IF NOT PI) • ORGANIZATIONAL STATUS REPORTING MONITORS (1.1.2.2) • VERIFY INFORMATION CONCURRENTLY WITH THE FIRST REPORT <div style="margin-left: 40px;"> SCHEDULE PAGE INTERFACE DETAILED INDIVIDUAL TASK DESCRIPTION (1.2.2.4.2), INPUT INTO SCHEDULE EDITOR PAGE (EDIT SCHEDULE) QUAD CHART (1.2.2.7), UPLOAD TO QUAD CHART UPLOAD PAGE </div> CONTINUED ON NEXT PAGE. | | | | | | 14. DISTRIBUTION | | | |
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| G. PREPARED BY STEVEN BUZINSKI | | | H. DATE 16 MAR 2006 | | I. APPROVED BY JOSEPH A. CAROZZONI | | J. DATE 16 MAR 2006 | | |

CONTRACT DATA REQUIREMENTS LIST, DD FORM 1423 CONTINUATION SHEET

CLIN 0002 FA8750-06-C-0071

PCSN S-6-3479

EXHIBIT A

A001

BLOCK 16,

CONTINUED FROM PREVIOUS PAGE.

FINANCIAL DATA.

INPUT MONTHLY EXPENDITURE VALUES FOR THE ENTIRE PERFORMANCE PERIOD CONCURRENTLY WITH THE FIRST REPORT AND INCLUDE THE FOLLOWING.

- REPORTED MONTH'S ACCRUED/ INCURRED EXPENDITURE (2.1), INPUT VALUE INTO THE FINANCIAL INPUT PAGE
- PROJECTED EXPENDITURES (2.4), INPUT PROJECTIONS FOR THE NUMBER OF MONTHS TO THE EXHAUSTION OF OBLIGATED FUNDS.

TECHNICAL STATUS.

UPLOAD REPORT AS A FILE OR INPUT NARRATIVE TO THE TECHNICAL STATUS INPUT PAGE

- PROGRESS AGAINST PLANNED OBJECTIVES (3.1.1),
- TECHNICAL ACCOMPLISHMENTS THIS PERIOD (3.1.2),
- IMPROVEMENTS TO PROTOTYPES THIS PERIOD (3.1.3),
- DELIVERABLES THIS PERIOD (3.1.5),
- PUBLICATIONS THIS PERIOD (3.1.7) UPLOAD DIGITAL COPY OF PUBLICATION WITH STATUS REPORT OR AS SEPARATE UPLOAD
- MEETINGS AND PRESENTATIONS THIS PERIOD (3.1.8),
- ISSUES OR CONCERNS (3.1.9),
- PLANNED ACTIVITIES (3.2.1), INFORMATION COVERING THE NEXT THREE (3) MONTHS.

ENTER THE FIRST REPORT WITHIN FORTY (40) DAYS AFTER CONTRACT AWARD AND MONTHLY THEREAFTER FOR THE LIFE OF THE CONTRACT.

DO NOT INPUT DATA THAT IS CLASSIFIED OR SUBJECT TO EXPORT CONTROL TO JIFFY. SUBMIT SUCH DATA AS HARD COPY OR VIA THE SIPRNET AS COORDINATED WITH THE REQUIRING OFFICE.

INCLUDE THE FOLLOWING REPORTING DISTRIBUTION WITHIN JIFFY. (SELECT CC: CHECK BOXES)

- GOVERNMENT TECHNICAL POINT OF CONTACT (REFERENCE BLOCK 6)
- GOVERNMENT BUYER (SF26, BLOCK 5; DD1155, BLOCK 6)
- ADMINISTRATIVE CONTRACTING POINT OF CONTACT (ACO, SF26 BLOCK 6; DD1155, BLOCK 7) (INPUT MANUALLY E-MAIL ADDRESS TO OUT-GOING E-MAIL NOTICE)
- OTHER RECIPIENTS AS COORDINATED WITH THE REQUIRING OFFICE

| CONTRACT DATA REQUIREMENTS LIST (1 Data Item) | | | | | | Form Approved OMB No. 0704-0188 | | | | | |
|--|--|--|--|------------------------------|---|--|---------|-----------|--|----------|--|
| Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. | | | | | | | | | | | |
| A. CONTRACT LINE ITEM NO. CLIN 0002 | | | B. EXHIBIT A | | C. CATEGORY TDP TM- OTHER ADMN | | | | | | |
| D. SYSTEM/ITEM PRIME | | | E. CONTRACT/PR NO. FA8750-06-C-0071 | | F. CONTRACTOR S-6-3479 | | | | | | |
| 1. DATA ITEM NO. A002 | | 2. TITLE OF DATA ITEM PRESENTATION MATERIAL | | | 3. SUBTITLE | | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-ADMN-81373 | | | 5. CONTRACT REFERENCE SOW PARAGRAPH 4.1.6.2 | | 6. REQUIRING OFFICE AFRL/IFSB | | | | | | |
| 7. DD250 REQ LT | | 9. DIST STATEMENT REQUIRED TBD | | 10. FREQUENCY AS REQUIRED | | 12. DATE OF FIRST SUBMISSION SEE BLOCK 16 | | | | | |
| 8. APP CODE N/A | | | | 11. AS OF DATE 0 | | 13. DATE OF SUBSEQUENT SUBMISSION N/A | | | | | |
| 16. REMARKS BLOCK 2 AND 4, REFERENCE DD FORM 1664 OR FACSIMILE, TAILORING: WHEN DIRECTED BY THE GOVERNMENT, PROVIDE 8 X 10 INCH GLOSSY PRINT OF GOVERNMENT SELECTED VIEWGRAPHS PREPARED UNDER PARAGRAPH 10.1 CONTRACTOR FORMAT IS ACCEPTABLE. PREFER ELECTRONIC DELIVERY IN MICROSOFT OFFICE SUITE COMPATIBLE FORMAT OR RTF. THE CONTRACTOR SHALL SUBMIT DRAFT PRESENTATION MATERIAL WITHIN THREE (3) DAYS PRIOR TO EACH PRESENTATION. UPLOAD FILE TO JIFFY USING THE CENTER ACTION DROP-DOWN MENU "ENTER TECHNICAL STATUS" ON PROJECT PAGE. UPLOADED FILE SIZE IS LIMITED TO 12 MEGABYTES. COORDINATE THE NUMBER OF COPIES AND DELIVERY MEDIA REQUIRED FOR EACH PRESENTATION WITH THE REQUIRING OFFICE. | | | | | | 14. DISTRIBUTION | | | | | |
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| CONTRACT DATA REQUIREMENTS LIST (1 Data Item) | | | | | | Form Approved OMB No. 0704-0188 | | | | | |
| Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E. | | | | | | | | | | | |
| A. CONTRACT LINE ITEM NO. CLIN 0002 | | | B. EXHIBIT A | | C. CATEGORY TDP _____ TM- _____ OTHER MISC | | | | | | |
| D. SYSTEM/ITEM PRIME | | | E. CONTRACT/PR NO. FA8750-06-C-0071 | | F. CONTRACTOR S-6-3479 | | | | | | |
| 1. DATA ITEM NO. A003 | | 2. TITLE OF DATA ITEM TECHNICAL INFORMATION REPORT | | | 3. SUBTITLE PRIME ENVIRONMENT DOCUMENTATION | | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80652/T | | | 5. CONTRACT REFERENCE SOW PARAGRAPH 4.1.1, 4.1.2, 4.1.3, AND 4.1.4 | | 6. REQUIRING OFFICE AFRL/IFSB | | | | | | |
| 7. DD250 REQ LT | | 9. DIST STATEMENT REQUIRED TBD | | 10. FREQUENCY TWO | | 12. DATE OF FIRST SUBMISSION 6MAC AWARD | | | | | |
| 8. APP CODE A | | 11. AS OF DATE 0 | | 13. DATE OF SUBSEQUENT SUBMISSION AS REQUIRED | | 14. DISTRIBUTION | | | | | |
| 16. REMARKS BLOCK 2 AND 4. REFERENCE DD FORM 1664 OR FACSIMILE, TAILORING. THE FOLLOWING PARAGRAPHS APPLY: 10.3.4 AND 10.3.5 CONTRACTOR FORMAT IS ACCEPTABLE. PREFER ELECTRONIC DELIVERY IN MICROSOFT OFFICE SUITE COMPATIBLE FORMAT OR RTF. UPLOAD FILE TO JIFFY USING THE CENTER ACTION DROP-DOWN MENU "ENTER TECHNICAL STATUS" ON PROJECT PAGE. UPLOADED FILE SIZE IS LIMITED TO 12 MEGABYTES. THE CONTRACTOR SHALL SUBMIT THE PRIME ENVIRONMENT DOCUMENTATION WITHIN APPROXIMATELY SIX (6) MONTHS AFTER CONTRACT AWARD. THE GOVERNMENT WILL RETURN COMMENTS WITHIN FIFTEEN (15) DAYS AFTER RECEIPT OF DRAFT DOCUMENTATION. INCORPORATE CHANGES IN THE NEXT VERSION. SUMBIT THE FINAL VERSION CONCURRENTLY WITH THE PRIME ENVIRONEMTN (A004) AT CONTRACT COMPLETION. THE GOVERNMENT WILL RETURN COMMENTS WITHIN FIFTEEN (15) DAYS AFTER RECEIPT. SUBMIT UPDATED DOCUMENT WITHIN FIFTEEN (15) DAYS AFTER RECEIPT OF GOVERNMENT COMMENTS, CONCURRENTLY WITH THE FINAL TECHNICAL REPORT (A007). | | | | | | a. ADDRESSEE | | b. COPIES | | Final | |
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| CONTRACT DATA REQUIREMENTS LIST (1 Data Item) | | | | | | Form Approved OMB No. 0704-0188 | | | | | |
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| A. CONTRACT LINE ITEM NO. CLIN 0002 | | | B. EXHIBIT A | | C. CATEGORY TDP TM- OTHER IPSC | | | | | | |
| D. SYSTEM/ITEM PRIME | | | E. CONTRACT/PR NO. FA8750-06-C-0071 | | F. CONTRACTOR S-6-3479 | | | | | | |
| 1. DATA ITEM NO. A004 | | 2. TITLE OF DATA ITEM SOFTWARE PRODUCT SPECIFICATION (SPS) | | | 3. SUBTITLE EXECUTABLE SOFTWARE, SOURCE FILES AND PACKAGING REQUIREMENTS | | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81441A/T | | | 5. CONTRACT REFERENCE SOW PARAGRAPH 4.1.5.4 | | 6. REQUIRING OFFICE AFRL/IFSB | | | | | | |
| 7. DD250 REQ LT | | 9. DIST STATEMENT REQUIRED TBD | | 10. FREQUENCY TWO | | 12. DATE OF FIRST SUBMISSION 6MAC AWARD | | | | | |
| 8. APP CODE A | | 11. AS OF DATE 0 | | 13. DATE OF SUBSEQUENT SUBMISSION AS REQUIRED | | 14. DISTRIBUTION | | | | | |
| 16. REMARKS BLOCK 2 AND 4, REFERENCE DD FORM 1664 OR FACSIMILE. TAILORING: ONLY PARAGRAPHS 3.1, 3.2 AND 3.3 APPLY. IN THE EVENT THE SOFTWARE PRODUCED HEREIN IS NOT A COMPUTER SOFTWARE CONFIGURATION ITEM (CSCI), DISREGARD CSCI REQUIREMENTS. CONTRACTOR FORMAT IS ACCEPTABLE. PREFER ELECTRONIC DELIVERY IN MICROSOFT OFFICE SUITE COMPATIBLE FORMAT OR RTF. THE CONTRACTOR SHALL SUBMIT THE PRIME ENVIRONMENT EXECUTABLE SOFTWARE, COMMENTED SOURCE CODE FILES AND PACKAGING REQUIREMENTS AT APPROXIMATELY SIX (6) MONTHS AFTER ONCTRACT AWARD AND AT CONTRACT COMPLETION. COORDINATE THE DELIVERY MEDIA WITH THE REQUIRING OFFICE. | | | | | | a. ADDRESSEE | | b. COPIES | | | |
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| CONTRACT DATA REQUIREMENTS LIST (1 Data Item) | | | | | | Form Approved OMB No. 0704-0188 | | |
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| A. CONTRACT LINE ITEM NO. CLIN 0002 | | | B. EXHIBIT A | | C. CATEGORY TDP _____ TM- IPSC OTHER _____ | | | |
| D. SYSTEM/ITEM PRIME | | | E. CONTRACT/PR NO. FA8750-06-C-0071 | | F. CONTRACTOR S-6-3479 | | | |
| 1. DATA ITEM NO. A005 | | 2. TITLE OF DATA ITEM SOFTWARE USER MANUAL (SUM) | | | 3. SUBTITLE PRIME USER DOCUMENTATION | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-IPSC-81443A/T | | | 5. CONTRACT REFERENCE SOW PARAGRAPH 4.1.5.5 | | 6. REQUIRING OFFICE AFRL/IFSB | | | |
| 7. DD250 REQ LT | | 9. DIST STATEMENT REQUIRED TBD | 10. FREQUENCY TWO | 12. DATE OF FIRST SUBMISSION 6MAC AWARD | 14. DISTRIBUTION | | | |
| 8. APP CODE A | | | 11. AS OF DATE 0 | 13. DATE OF SUBSEQUENT SUBMISSION AS REQUIRED | a. ADDRESSEE | | b. COPIES | |
| 16. REMARKS CONTRACTOR FORMAT IS ACCEPTABLE. PREFER ELECTRONIC DELIVERY IN MICROSOFT OFFICE SUITE COMPATIBLE FORMAT OR RTF. UPLOAD FILE TO JIFFY USING THE CENTER ACTION DROP-DOWN MENU "ENTER TECHNICAL STATUS" ON PROJECT PAGE. UPLOADED FILE SIZE IS LIMITED TO 12 MEGABYTES. THE CONTRACTOR SHALL SUBMIT DRAFT PRIME USER DOCUMENTATION WITHIN APPROXIMATELY SIX (6) MONTHS AFTER CONTRACT AWARD, CONCURRENTLY WITH THE PRIME ENVIRONMENT (A004). THE GOVERNMENT WILL REVIEW AND RETURN COMMENTS WITHIN FIFTEEN (15) DAYS AFTER RECEIPT. INCORPORATE CHANGES IN THE NEXT VERSION. SUMBIT THE FINAL VERSION CONCURRENTLY WITH THE PRIME ENVIRONEMTN (A004) AT CONTRACT COMPLETION. THE GOVERNMENT WILL RETURN COMMENTS WITHIN FIFTEEN (15) DAYS AFTER RECEIPT. SUBMIT UPDATED DOCUMENT WITHIN FIFTEEN (15) DAYS AFTER RECEIPT OF GOVERNMENT COMMENTS, CONCURRENTLY WITH THE FINAL TECHNICAL REPORT (A007). | | | | | Draft | | Final | |
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| CONTRACT DATA REQUIREMENTS LIST (1 Data Item) | | | | | | Form Approved OMB No. 0704-0188 | | |
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| A. CONTRACT LINE ITEM NO. CLIN 0002 | | | B. EXHIBIT A | | C. CATEGORY TDP _____ TM- <u>TMSS</u> OTHER _____ | | | |
| D. SYSTEM/ITEM PRIME | | | E. CONTRACT/PR NO. FA8750-06-C-0071 | | F. CONTRACTOR S-6-3479 | | | |
| 1. DATA ITEM NO. A006 | | 2. TITLE OF DATA ITEM COMMERCIAL OFF-THE-SHELF (COTS) MANUAL AND ASSOCIATED SUPPLEMENTAL DATA | | | 3. SUBTITLE | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-TMSS-80527A | | | 5. CONTRACT REFERENCE SOW PARAGRAPH 4.1.5.6 | | 6. REQUIRING OFFICE AFRL/IFSB | | | |
| 7. DD250 REQ LT | | 9. DIST STATEMENT REQUIRED TBD | | 10. FREQUENCY AS REQUIRED | | 12. DATE OF FIRST SUBMISSION SEE BLOCK 16 | | |
| 8. APP CODE N/A | | | | 11. AS OF DATE 0 | | 13. DATE OF SUBSEQUENT SUBMISSION N/A | | |
| 16. REMARKS THE CONTRACTOR SHALL SUBMIT ORIGINAL MEDIA COTS MANUALS AND SUPPLEMENTAL DATA CONCURRENT WITH EACH DELIVERY OF ASSOCIATED SOFTWARE AND HARDWARE AS APPLICABLE. | | | | | | 14. DISTRIBUTION | | |
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| A. CONTRACT LINE ITEM NO. CLIN 0002 | | | B. EXHIBIT A | | C. CATEGORY TDP _____ TM- _____ OTHER MISC | | | | | |
| D. SYSTEM/ITEM PRIME | | | E. CONTRACT/PR NO. FA8750-06-C-0071 | | F. CONTRACTOR S-6-3479 | | | | | |
| 1. DATA ITEM NO. A007 | | 2. TITLE OF DATA ITEM SCIENTIFIC AND TECHNICAL REPORTS | | | 3. SUBTITLE FINAL TECHNICAL REPORT | | | | | |
| 4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80711A/T | | | 5. CONTRACT REFERENCE SOW PARAGRAPH 4.1.6.3 | | 6. REQUIRING OFFICE AFRL/IFSB | | | | | |
| 7. DD250 REQ DD | | 9. DIST STATEMENT REQUIRED TBD | | 10. FREQUENCY ONE/R | | 12. DATE OF FIRST SUBMISSION 30DAC COMPLETION | | | | |
| 8. APP CODE A | | | | 11. AS OF DATE 0 | | 13. DATE OF SUBSEQUENT SUBMISSION 30DARC | | | | |
| 16. REMARKS TAILORING, REFERENCE ANSI/NISO Z39.18-2005: PAGE 18, PARAGRAPH 5.1.3.2, OTHER MARKINGS AND DISTRIBUTION LIMITATIONS WILL BE APPLIED BY AFRL. PAGE 31, PARAGRAPH 6.2.1.1, PREPARE REPORT FOR PRINTING ON STANDARD WHITE 8 1/2" X 11" PAPER; PAGE 24, PARAGRAPH 6.3.2.2, MARGIN REQUIREMENTS ARE 1" TOP, 1 1/2" BOTTOM, AND A MINIMUM OF 1" RIGHT AND LEFT. INCLUDE PAGE NUMBERS CENTERED AT THE BOTTOM OF EACH PAGE. FOR CLASSIFIED REPORTS, BOTTOM OF UPPER CLASSIFICATION MARKING WILL BE 3/4" FROM TOP OF PAGE; BOTTOM OF LOWER CLASSIFICATION MARKING WILL BE 1/2" FROM BOTTOM OF PAGE. THE CONTRACTOR SHALL SUBMIT TWO (2) HARD COPIES AND ONE (1) MICROSOFT WORD FORMAT FILE ON EITHER COMPACT DISK - READ ONLY MEMORY (CD-ROM), ZIP DISK, OR IBM PERSONAL COMPUTER COMPATIBLE FORMAT 3 1/2" FLOPPY DISK WITHIN THIRTY (30) DAYS AFTER CONTRACT COMPLETION TO: AFRL/IFOIP (STINFO) 26 ELECTRONIC PARKWAY ROME NY 13441-4514 THE GOVERNMENT WILL PROVIDE THE REPORT NUMBER AND DISTRIBUTION STATEMENT AFTER SUBMISSION OF THE REPORT. WITHIN THIRTY (30) DAYS AFTER RECEIPT OF THE REPORT, AFRL/IFOIP WILL FORWARD ONE (1) CORRECTED (MARKED-UP) COPY (OR WRITTEN DIRECTIONS FOR REQUIRED CORRECTIONS) TO THE CONTRACTOR FOR CORRECTIONS. WITHIN THIRTY (30) DAYS AFTER RECEIPT OF GOVERNMENT COMMENTS, THE CONTRACTOR SHALL ACCOMPLISH THE CORRECTIONS AND RETURN ONE (1) CORRECTED DISK AND THE ORIGINAL MARKED-UP COPY TO AFRL/IFOIP. REPRODUCTION AND DISTRIBUTION CONTROL OF THIS DOCUMENT IS THE RESPONSIBILITY OF THE PROCURING ACTIVITY. SUBMISSION OF THE FINAL UPDATED REPORT TO AFRL/IFOIP SATISFIES THE REQUIREMENT AT DFARS 252.235-7011 TO SUBMIT FINAL REPORTS TO DTIC. | | | | | | 14. DISTRIBUTION | | | | |
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AIR FORCE RESEARCH LABORATORY
ROME, NEW YORK

STATEMENT OF WORK
FOR
PRIME: A PMESII MODEL DEVELOPMENT ENVIRONMENT

PCSN S-6-3479

16 MARCH 2006

CONTRACT No. FA8750-06-C-0071

ATTACHMENT No. 1

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1.0 OBJECTIVE.

1.1 The objective is to investigate techniques that will support PMESII model development as part of an overall decision support environment enabling JFC/JFACC to anticipate and shape the future battlespace. These techniques will address rapid model development, rapid model adaptation, model integration and interoperability, and model maintenance.

1.2 The objective will be to deliver PMESII Rapid Interactive Modeling Environment (PRIME), a software modeling environment.

2.0 SCOPE.

2.1 The scope includes the exploration of the applicability of structured argumentation and link analysis to the modeling of direct and indirect political, military, economic, social, information, infrastructure (PMESII) effects induced through diplomatic, information, military, economic (DIME) actions.

2.2 The emphasis will be on the development of a modeling environment for direct PMESII effects, with some experiments conducted to prove the feasibility of adding capabilities for indirect effects.

3.0 BACKGROUND.

3.1 The role of computer modeling is increasingly important to understanding the battlespace, yet it remains difficult to develop accurate and timely models. Further, many different modeling techniques are being applied with no clear means for integrating the collective results. New modeling environments are needed to realize the promise of these collective techniques.

3.2 PRIME will be developed as an extension to Structured Evidential Argumentation System (SEAS), a structured modeling and analysis environment supporting analysts in the intelligence community (IC) working collaboratively on structured analytic problems. SEAS is the result of significant investment chiefly from DARPA and SRI International.

3.3 Leveraging Link Analysis Workbench (LAW), a link discovery environment that resulted from a significant DARPA/ARDA investment will be explored. The idea is to use SEAS to model the anticipated direct PMESII effects and LAW the indirect effects, given specific DIME actions taken on specific types of nodes in a networked system of systems. SEAS will also be

used to integrate all such predicted effects from these and other automated techniques, as well as direct contributions from human analysts.

4.0 TECHNICAL REQUIREMENTS.

4.1 The contractor shall design, develop, document, experiment and validate, demonstrate, and deliver advanced Command and Control (C2) enabling information technology as a software modeling environment that facilitates predictive battlespace planning.

4.1.1 Develop and document an environment suitable for developing models that capture the anticipated direct PMESII effects of taking specific DIME actions on given types of nodes within a networked system of systems. (CDRL A003)

4.1.1.1 Seed the environment with templates and taxonomies for modeling effects and include a library of example models.

4.1.1.2 Coordinate the experimental use of this environment, in conjunction with AFRL, as a means of testing and evaluating the effectiveness.

4.1.2 Develop and document tools to support the creation and maintenance of a taxonomy to support the indexing and cataloging of PMESII models. (CDRL A003)

4.1.2.1 Include tools for editing the taxonomy, selecting terms from the taxonomy to be associated with specific models, and finding, organizing, and managing models based upon the associated terms.

4.1.3 Develop and document capabilities that will support the interoperability of PMESII models. (CDRL A003)

4.1.3.1 Exporting and importing of PMESII models.

4.1.3.2 Importing of system-of-systems models.

4.1.3.3 Processing of queries and assertions through an application program interface (API).

4.1.4 Conduct and document PMESII experiments. (CDRL A003)

4.1.4.1 Experiment with modeling of indirect PMESII effects and the application to predict higher-order effects.

4.1.4.2 Develop example patterns of PMESII effects, across nodes within a system of systems, that when present, will induce other PMESII effects on related nodes.

4.1.5 Software. Deliver all computer software developed or assembled to be completely maintainable and modifiable without reliance on any non-delivered computer programs or documentation in accordance with the Contract schedule and the following. Deliver software acquired and included as a component in the software developed and delivered.

4.1.5.1 Design and develop all computer software using an approved Higher Order Language (HOL). Submit the choice of HOL to the Government and provide justification for the HOL selected. Document selection criteria based upon system interface, interoperability, communications functions, human interface, and requirements for security, safety, and reliability. Design the software to make use of existing software and for subsequent reuse to the maximum feasible extent.

4.1.5.2 All information technology items must be Year 2000 compliant or non-compliant items must be upgraded at no additional cost to be Year 2000 compliant. Year 2000 compliant means information technology that accurately processes data/time data (including, but not limited to calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations. Furthermore, Year 2000 compliant information technology, when used in combination with other information technology, shall accurately process date/time data if the other information technology properly exchanges date/time data within it.

4.1.5.3 Evaluate the planning performed for the use of non-developmental software (i.e., commercial off-the-shelf (COTS), reusable, or Government furnished) to ensure that all SOW requirements are met. Evaluate the software to determine whether the software performs as documented prior to incorporating acquired software into software being developed under this effort. Certify that the non-developmental software performs as documented and is adequately documented for the intended purpose.

4.1.5.4 Deliver all computer software developed under this effort as source and object (executable) code. Include the commented source listings and source coded for the target computer system. (CDRL A004)

4.1.5.5 Develop complete software documentation to include installation, user, and maintenance instructions. (CDRL A005)

4.1.5.6 Transfer all purchased or licensed software used during development or as a component for this effort upon completion; include licensing and maintenance agreements, and original media software and documentation. (CDRL A006)

4.1.6 Reporting.

4.1.6.1 Continually determine the status of the effort and report financial status and technical progress made toward accomplishment of contract requirements. (CDRL A001)

4.1.6.2 Conduct oral presentations at such times and places designated in the contract schedule. Provide status of technical progress made to date in performance of the contract during presentations. (CDRL A002)

4.1.6.3 Document the details of all technical work accomplished and information gained during performance of this acquisition to permit full understanding of the techniques and procedures used in evolving technology or processes developed. Include all pertinent observations, nature of problems, positive and negative outcome, and design criteria established where applicable. Document procedures followed, processes developed, "lessons learned," and other useful information. Cross-reference each design, engineering, and process specification delivered to facilitate a full understanding of the total acquisition. (CDRL A007)